



### Walnut Gulch Experimental Watershed: The Land of Opportunities









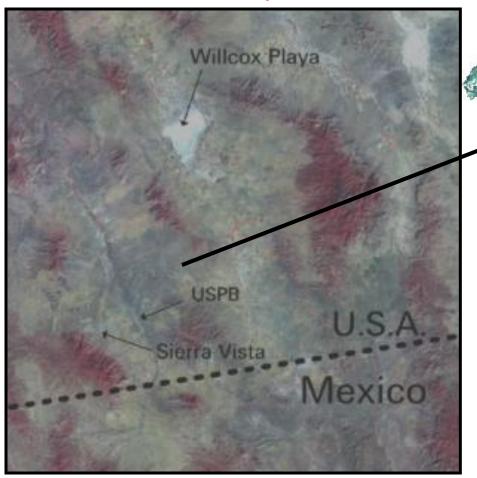






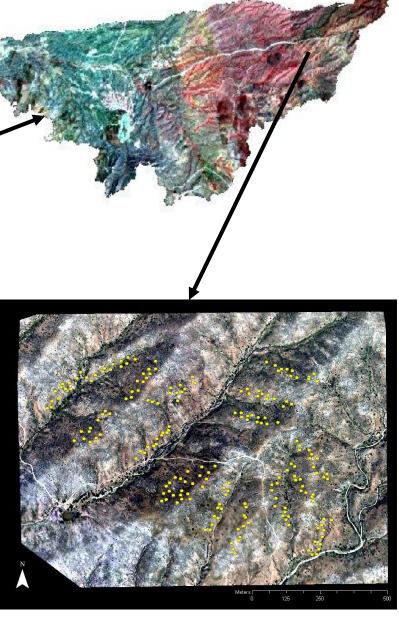
Regular & Automated Measurements: Rainfall, Runoff, Sediment, Met. data, Soil moisture & temperature, Veg. data, CO<sub>2</sub> & Water Flux, Soil respiration, ...

#### **Landsat TM Color Composite of WGEW**

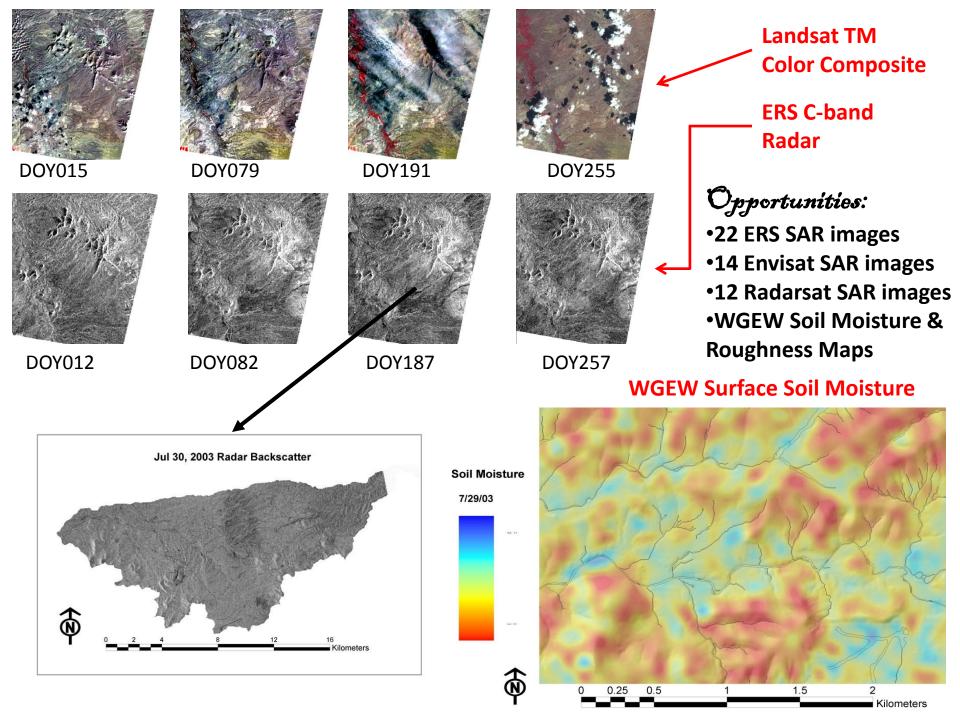


### Opportunities:

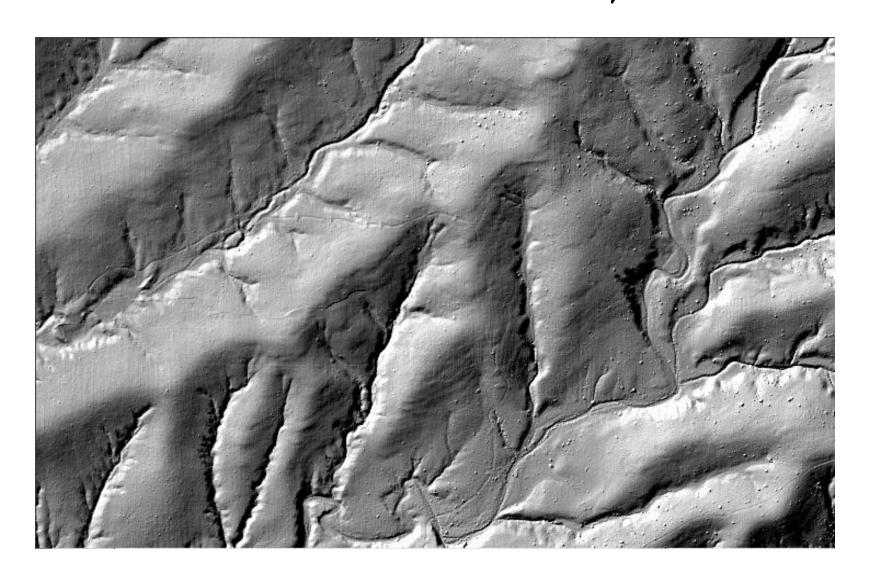
- •Over 100 TM images available from 1990+
- •1-m aerial photos taken 2008, 2009 & planned 2010
- **•**Quickbird 2.4-m images in 2006 & 2010
- NASA Master overflight planned for October 2010



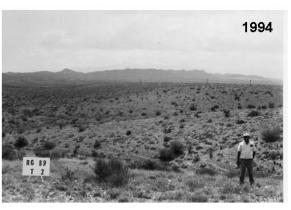
**Aerial Photo – Charles Curtis UA** 



# Such stuff as dreams are made of: WGEW Lidar 2004



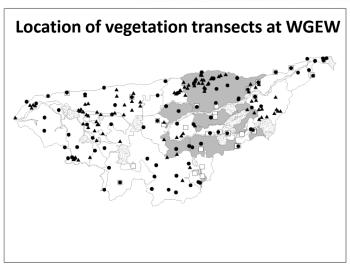


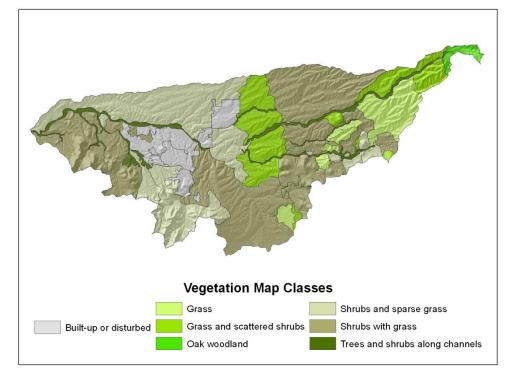


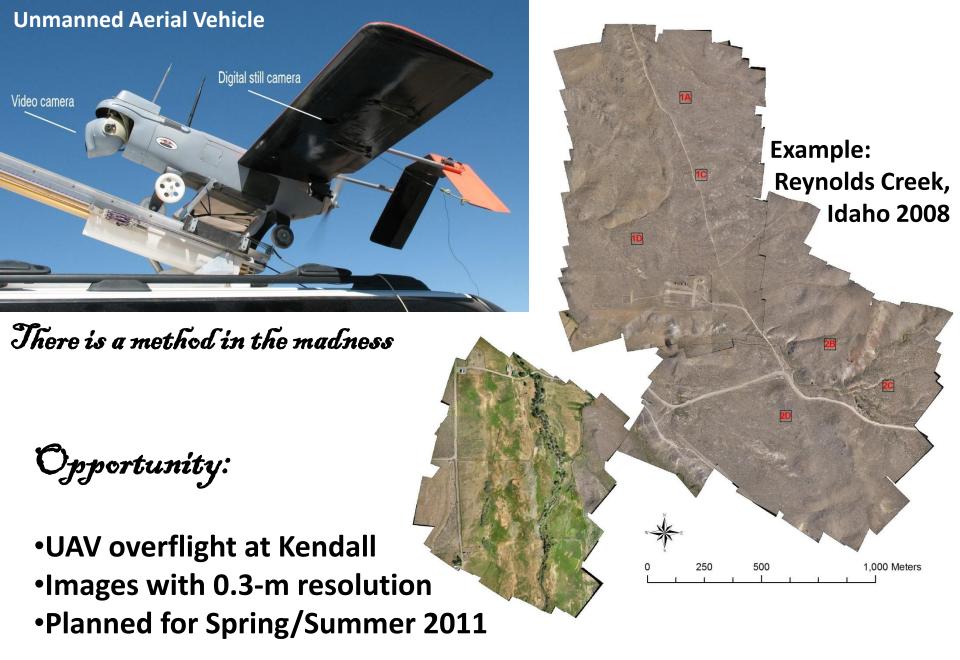
## Vegetation Weasurements:



How poor are they that have not patience







Images: Courtesy of Andrea Laliberti, ARS, NM Laliberte et al., PERS 2010 Data Availability: http://www.tucson.ars.ag.gov/dap

